

GP7522GBHS-180 PARTS LIST

<u>ITEM</u>	<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>ITEM</u>	<u>PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1	05769	Crankcase	1	51E	06762	Valve Spring	3
2	13000	Oil Filler Plug Assembly	1	51F	06763	Spacer Pipe	3
8	07603	Oil Dip Stick Assembly	1	52	05781	Discharge Valve Assembly	
9	01009	O-Ring, Dip Stick	1			(52B-52F)	3
12	07109	Drain Plug	6	52B	05193	O-Ring	3
13	06272	Copper Seal for 12	6	52C	05195	Discharge Valve Seat	3
14	05770	Bearing Cover	1	52D	06761	Valve Plate	3
14A	12204	O-Ring	4	52E	06762	Valve Spring	3
15	05771	Radial Shaft Seal	1	52F	06763	Spacer Pipe	3
16	05772	O-Ring	2	57	06078	Tension Spring	3
17	05642	Hexagon Socket Screw	4	58	07699	Plug	3
18	05039	Spring Washer	4	58A	07700	O-Ring	3
20	05773	Taper Roller Bearing	2	58B	07693	Support Ring	3
20A	05774	Fitting Disc (Shim), 0.1 mm	1-5	58C	07702	Hexagon Screw	12
20B	04570	Fitting Disc (Shim), 0.15mm	1-5	59	07109	Plug, 1/2" BSP	1
21	05645	Shaft Guard Holder	1	59A	06807	Copper Ring	1
21A	05646	Shaft Guard	1	61	12251	Plug 1-1/4" NPT	1
22	05775	Crankshaft	1	62	03401	Connecting Joint	2
23	05776	Key	1	62A	06766	Connection Ring	2
24	05777	Connecting Rod Assembly	3	62B	06767	Seal Ring	4
25	05778	Crosshead Assembly	3	64	07204-0100	Steel Ring	2
28	05779	Crosshead Pin	3	65	06588	Screw-In Connector	2
29A	07408	Hexagon Nut	1	66	06768	Threaded Elbow	2
29B	05383	Bracket 2 f. Cooling Hose	2	67	06769	Curved Leakage Pipe	2
29C	05662	Fixing Bracket	1	68	05782	Bottom Casing for Gear	1
29D	05381	Bracket 2 f. Cooling Hose	1	69	05783	Top Casing for Gear	1
30	07619	Cover Plate	1	70	05784	Gear Seal	1
30A	07225-0100	Hexagon Screw	9	71	05785	Centering Ring	1
30B	13136	Grommet	4	72A/B	03366	Gear Wheel Set, 1=2.25	1
30C	05053	Disc	8	72A/B	05786	Gear Wheel Set, 1=2.44	
30D	13154	Cover	1	72A/B	04670	Gear Wheel Set, 1=2.73	1
31	07623	Eye Bolt	1	74	05787	Self-Aligning Roller Bearing	1
32	07624	Radial Shaft Seal	3	75	05700	Cylinder Roller Bearing	1
33	07626	Seal Retainer	3	76	07117	Fitting Disc, 0.1 mm	1-5
33A	07627	O-Ring for Seal Retainer	3	77	05789	Radial Shaft Seal Ring	1
33B	07628	Circlip for 33	3	78	05665	Cylindrical Pin	6
33C	07249	Fitting Disc	3	80	05790	Spacer Ring 1 for Gear	1
34	13137	Oil Scraper (Flinger)	3	81	05791	Spacer Ring 2 for Gear	1
36	06748	Plunger	3	82	05802	Fixing Plate for Gear	1
38	06749	Seal Sleeve	3	83	13358	Hexagon Screw	1
38A	22764	Serrated Pin	3	84	05792	Hexagon Socket Screw	7
38B	06750	Leakage Gasket	3	85	05702	Hexagon Socket Screw	3
38C	06667	O-Ring	3	86	07159	Washer	3
39	05522	Seal Case	3	87	05793	Hexagon Socket Screw	5
39A	05523	O-Ring	6	88	05655	Hexagon Socket Screw	1
40	07338	Tension Spring	3	89	05794	Gear Flange, Hollow	1
41	06753	Support Disc	3	89A	05795	Centering Ring, Hollow	1
42	06754	Spiral Ring (Packing)	6	90	05796-180	Oil Cooler Assembly (K1-K20)	1
43	06755	Support Ring	6	K1	05797	Cooling Vane Plate	1
44	06756	Guide Ring	3	K2	05798	Seal for Gear Cover	2
45	06757	Pressure Ring	3	K3	05799	Gear Cover	1
46	13390	Seal Ring	3	K4	05029	Hexagon Head	
47	06758	Spacer Disc	3			Countersunk Screw	4
48	5524	Circlip	3	K5	05800	Hexagon Socket Screw	8
49	13159	Stud Bolt	8	K6	06725	Spring Washer	8
49A	13160	Hexagon Nut	8	K7	05755	Connection for Oil Cooler	1
50A	13162	Centering Stud	2	K8	06272	Copper Seal	5
50B*	06759-NPT	Valve Casing Assembly		K9	07109	Plug, 1/2" BSP	2
		(50B-E)	1	K10	05031	Reducing Nipple	2
50C	03397	Connection Nipple, 1/2" NPT	1	K11	05032	U-Joint Connector with Nut	3
50D	03398	Lens Gasket	2	K12	05033	Tube for Cooler	2
50E	03399	Plug, 3/4" BSP	1	K13	05402	Hose Clamp	4
51	05780	Inlet Valve Assembly (51B-51F)	3	K14	05403	Hose Guard	2
51B	05193	O-Ring	3	K16	05405	Flat Gasket	3
51C	05194	Inlet Valve Seat	3	K17	08280	Washer	4
51D	06761	Valve Plate	3	K18	04158	Hexagon Socket Screw	4
				K19	04326	Elbow	1
				K20	04327	Hose Nipple	1

*If the valve casing (50B) needs to be replaced, items 50C-E will be included

GP7522GBHS-180 REPAIR KITS

Plunger Packing Kit #09701

Item	Part #	Description	Qty.
38B	06750	Leakage Gasket	3
38C	06667	O-Ring	3
39A	05523	O-Ring	6
42	06754	Spiral Ring (Packing)	6
43	06755	Support Ring	6
44	06756	Guide Ring	3
46	13390	Seal Ring	3

Oil Seal Kit #09221

Item	Part #	Description	Qty.
32	07624	Radial Shaft Seal	3
33A	07627	O-Ring	3

Inlet Valve Assembly Kit #09702

Item	Part #	Description	Qty.
51B	05193	Support Ring	3
51C	05194	Inlet Valve Seat	3
51D	06761	Valve Plate	3
51E	06762	Valve Spring	3
58A	07700	O-Ring	3
58B	07693	Support Ring	3

Discharge Valve Assembly Kit #09703

Item	Part #	Description	Qty.
52B	05193	O-Ring	3
52C	05195	Valve Seat	3
52D	06761	Valve Plate	3
52E	06762	Valve Spring	3
58A	07700	O-Ring	3
58B	07693	Support Ring	3

GP7522GBHS-180 TORQUE SPECIFICATIONS

Position	Item #	Description	Lubrication Info	Torque Specifications
1	05769	Crankcase	Molycotec Cu-Paste	
17	05642	Inner Hexagon Screw		33 ft.-lbs. (45 Nm)
24	05777	Connecting Rod Assembly		29.5 ft.-lbs. (40 Nm)
30A	07225-0100	Hexagon Screw		88.5 in.-lbs. (10 Nm)
32	07624	Radial Shaft Seal	Loctite 403	
49	13159	Stud Bolt	Loctite 243	
49A	13160	Hexagon Nut		59 ft.-lbs. (80 Nm)
51C	05194	Inlet Valve Seat	Hylomar	
52C	05195	Discharge Valve Seat	Hylomar	
58C	07702	Hexagon Screw		155 ft.-lbs. (210 Nm)
85	05702	Hexagon Socket Screw		75.2 in.-lbs. (8.5 Nm)
K2	05798	Seal for Gear Cover	Loctite 5910	
K5	05800	Hexagon Socket Screw		33 ft.-lbs. (45 Nm)
K9	07109	Plug, 1/2" BSP		59 ft.-lbs. (80 Nm)
K18	04158	Hexagon Socket Screw		124 in.-lbs. (14 Nm)